

Receipt date: 07/21/2010

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office;
U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid
OMB control number.

SUBSTITUTE FOR FORM 1449/PTO				ATTY. DOCKET NO.: 2003.817US		SERIAL NO.: 10/553,211	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE AS MANY SHEETS AS NECESSARY) Sheet 1 of 4				APPLICANT: Wridzer Jan Willem Bakker et al			
				EXAMINER NAME: Tigabu Kassa			
				FILING DATE: December 8, 2005		ART UNIT: 1619	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	CITE NO. ¹	DOCUMENT NUMBER	PUB. DATE. mm-dd-yyyy	NAME OF PATENTEE OR APPLICANT	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
/T.K./	A01	US 4,089,843	05-16-1978	Rausch, Jr.			
/T.K./	A02	US 4,773,883	09-27-1988	Nakase et al			
/T.K./	A03	US 4,783,484	11-08-1988	Violante et al			
/T.K./	A04	US 4,826,689	05-02-1989	Violanto et al			
/T.K./	A05	US 4,997,454	03-05-1991	Violanto et al			
/T.K./	A06	US 5,212,133	05-18-1993	Duranel et al			
/T.K./	A07	US 5,879,715	03-09-1999	Higgins et al			
/T.K./	A08	US 6,165,320	12-26-2000	Bates et al			
/T.K./	A09	US 6,372,260	04-16-2002	Anderson et al			
/T.K./	A10	US 2004/0071781	04-15-2004	Chattopadhyay et al			
Examiner signature: /Tigabu Kassa/				Date considered: 08/13/2010			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office;
U.S. DEPARTMENT OF COMMERCE
5, no persons are required to respond to a collection of information unless it contains a valid
OMB control number.

SUBSTITUTE FOR FORM 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE AS MANY SHEETS AS NECESSARY) Sheet <u>2</u> of <u>4</u>	ATTY. DOCKET NO.: 2003.817US	SERIAL NO.: 10/553,211
	APPLICANT: Wridzer Jan Willem Bakker et al	
	EXAMINER NAME: Tigabu Kassa	
	FILING DATE: December 8, 2005	ART UNIT: 1619
	CWD control number:	

FOREIGN PATENT DOCUMENTS						
*EXAMINER INITIAL	CITE NO. ¹	DOCUMENT NUMBER	PUB. DATE. mm-dd-yyyy	NAME OF PATENTEE OR APPLICANT	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/T.K./	B01	DE 3818453	12-07-1989	Janke & Kunkel KG		
/T.K./	B02	WO 1997/16375	05-09-1997	Akzo Nobel N.V.		
/T.K./	B03	WO 1999/047588	09-23-1999	Core Technologies Limited		
/T.K./	B04	WO 2002/089970	11-14-2002	NanoMaterials Technology PTE LTD		
/T.K./	B05	WO 2004/004862	01-15-2004	Ferro Corporation		
/T.K./	B06	WO 2004/096405	11-11-2004	Akzo Nobel N.V.		
/T.K./	B07	WO 2005/105278	11-10-2005	Akzo Nobel N.V.		
Examiner signature:				Date considered:		
08/13/2010				/Tigabu Kassa/		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Receipt date: 07/21/2010

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office;
U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid
OMB control number.

SUBSTITUTE FOR FORM 1449/PTO		ATTY. DOCKET NO.: 2003.817US	SERIAL NO.: 10/553,211
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE AS MANY SHEETS AS NECESSARY) Sheet <u>3</u> of <u>4</u>		APPLICANT: Wridzer Jan Willem Bakker et al	
		EXAMINER NAME: Tigabu Kassa	
		FILING DATE: December 8, 2005	ART UNIT: 1619
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Examiner initials*	Cite no. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.K./	C01	ALTENBACH-REHM, "Premix-Membranemulgieren Mittels Hydrophiler and Hydrophober PTFE-Membranen Zur Herstellung von O/W-Emulsion Mit Enger Tropfengrößenverteilung," Chemie-Ingenieur-Technik, Vol. 74, No. 5, pp 587-588 (2002) [w/Abstract]	
/T.K./	C02	BROOKS et al, "Phase Inversion in Non-Ionic Surfactant-Oil-Water Systems, Part I, The Effect of Transitional Inversion on Emulsion Drop Sizes", Chemical Engineering Science, Vol. 49, pp 1053-1064 (1994)	
/T.K./	C03	CHATTOPADHYAY et al, "Supercritical CO2-Based Formation of Silica Nanoparticles Using Water-in-Oil Microemulsions", Industrial & Engineering Chemistry Research, Vol. 42, No. 3, pp 465-472 (2003) [Abstract Only]	
/T.K./	C04	DEBUIGNE et al, "Synthesis of Organic Nanoparticles in Different W/O Microemulsions", Langmuir, Vol. 16, pp 7605-7611 (2000)	
/T.K./	C05	HARPER, "Fueling the Chemical Industry's Future", Chemical Engineering Progress, p 34S (November, 2003)	
/T.K./	C06	HYDE, "Identification of Lyotropic Liquid Crystalline Mesophases", Handbook of Applied Surface and Colloid Chemistry, Ed. K. Holmberg, John Wiley & Sons, Ch. 16, pp 299-332 (2001)	
/T.K./	C07	KIM, "Preparation of Ultrafine Monodispersed Indium-Tin Oxide Particles in AOT-Based Reverse Microemulsions as Nanoreactors," Langmuir, Vol. 15, pp 1599-1603 (1999)	
/T.K./	C08	LINDMAN et al, "Microemulsions-A Historical Overview", Handbook of Microemulsion Science and Technology, pp 1-12 (1999)	
/T.K./	C09	LIU et al, "Recovery of TiO2 Nanoparticles Synthesized in Reverse Micelles by Antisolvent CO2", Colloids and Surfaces, Physicochemical and Engineering Aspects, Vol. 227, Nos. 1-3, pp 45-48 (2003) [Abstract Only]	
/T.K./	C10	LIU et al, "Synthesis of Ultrafine, Multicomponent Particles Using Phospholipid Vesicles", Materials Research Society Symposium Proceedings, Vol. 218 (Materials Synthesis Based on Biological Processes), pp 115-121 (1991) [Abstract Only]	
/T.K./	C11	MATSON et al, "Formulation of Fine Particles in Supercritical Fluid Micelle Systems", Materials Letters, Vol. 6, Nos. 1-2, pp 31-33 (1987) [Abstract Only]	
/T.K./	C12	PANG et al, "Aluminum Oxide Nanoparticles Prepared by Water-in-Oil Microemulsions", Journal of Materials Chemistry, Vol. 12, No. 12, pp 3699-3704 (2002) [Abstract Only]	
Examiner signature: /Tigabu Kassa/		Date considered: 08/13/2010	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SUBSTITUTE FOR FORM 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE AS MANY SHEETS AS NECESSARY) Sheet 4 of 4		ATTY. DOCKET NO.: 2003.817US SERIAL NO.: 10/553,211 APPLICANT: Wridzer Jan Willem Bakker et al EXAMINER NAME: Tigabu Kassa FILING DATE: December 8, 2005 ART UNIT: 1619	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
Examiner initials*	Cite no. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/T.K./	C13	ROBINSON et al, "Vesicles", Handbook of Applied Surface and Colloid Chemistry, Ed. K. Holmberg John Wiley & Sons, Ch. 3, pp 45-53 (2001)	
/T.K./	C14	SAGER et al, "Preparation of Colloidal Oxide Particles in Emulsions", Progress in Colloid & Polymer Science, Vol. 93 (Trends in Colloid and Interface Science VII), pp 348-349 (1993)	
/T.K./	C15	SIEKMANN et al, "Investigations on Solid Lipid Nanoparticles Prepared by Precipitation in O/W Emulsions", European Journal of Pharmaceutics and Biopharmaceutics, Vol. 42, No. 2, pp 104-109 (1996) [Abstract Only]	
/T.K./	C16	WALSTRA, "Formation of Emulsions", Encyclopedia of Emulsion Technology, Marcel Dekker, New York, Vol. 1, pp 64-67 (1983)	
/T.K./	C17	WORMUTH et al, "Microemulsions", Handbook of Applied Surface and Colloid Chemistry, Ed. K. Holmberg, John Wiley & Sons, Ch. 4, pp 54-77 (2001)	
/T.K./	C18	YAACOB et al, "Synthesis of Aluminum Hydroxide Nanoparticles in Spontaneously Generated Vesicles", Journal of Materials Research, Vol. 8, No. 3, pp 573-577 (1993) [Abstract Only]	
/T.K./	C19	YANG et al, "Application of Reversed Micelles and W/O Microemulsions in the Preparation of Ultrafine Particles", Huagong Yejin, Vol. 17, No. 1, pp 71, 78 & 79 (1996) [Abstract Only]	
/T.K./	C20	ZHANG et al, "Recovery of Silver Nanoparticles Synthesized in AOT/C12E4 Mixed Reverse Micelles by Antisolvent CO ₂ ", Chemistry-A European Journal, Vol. 8, No. 17, pp 3879-3883 (2002) [Abstract Only]	
/T.K./	C21	"Webster's Third New International Dictionary of the English Language Unabridged", Merriam-Webster Inc., p. 72 (1993)	
/T.K./	C22	International Search Report for Corresponding Case PCT/EP2004/004506, mailed September 13, 2004	
/T.K./	C23	International Search Report for Case PCT/EP2005/051777, mailed May 30, 2006	
Examiner signature: <div style="text-align: center;">/Tigabu Kassa/</div>		Date considered: <div style="text-align: center;">08/13/2010</div>	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.